

001000, 1. 1.

"Investigation of the factors of hydraulic pressure. . . . for the
control of the flow of technology and the technology of the flow of technology."

Dissemination of the factors of hydraulic pressure. . . . for the
control of the flow of technology and the technology of the flow of technology."

AC: 100, 100, 100, 100, 100, 100

ROZANOV, B.V., kandidat tekhnicheskikh nauk; GOL'MAN, L.D., kandidat tekhnicheskikh nauk; ZIMIN, A.I., professor [redaktor].

Hydraulic presses (theory and elements of calculation). B.V.Rozanov, L.D. Gol'man, ed. by A.I.Zimin. [Trudy] TsNIITMAsh no.54:3-171 '53.

(MLRA 6:9)

(Hydraulic presses)

GOL'MAN, I.D., kandidat tekhnicheskikh nauk.

Study of hydraulic extrusion methods. [Trudy] TSNIITMASH 62:131-
163 '54. (MLRA 7:9)

(Extrusion (Metals)) (Power presses) (Hydraulic machinery)

MOSHNIIN, Yevgeniy Nikolayevich; POBEDIN, I.S., kandidat tekhnicheskikh nauk, retsenzent; GOL'MAN, L.D., kandidat tekhnicheskikh nauk, redaktor; MEZHOVA, V.A., redaktor; UVAROVA, A.F., tekhnicheskii redaktor.

[Bending and straightening machines] Gibochnye i pravil'nye mashiny. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1956. 251 p. (MLRA 9:5)
(Metal working machinery) (Rolling mills)

HAZARD BOOK EXPLOITATION

557

Gol'man, Lev Davydovich

Sovremennyye konstruktstsi gidravlicheskiikh pressov (Present-day Design of Hydraulic Presses) Moscow, Trudrezervizdat, 1957. 76 p. (Series: Novaya tekhnika i peredovyye metody truda) 7,000 copies printed.

Scientific Ed.: Litvinov, B. Ya.; Ed.: Zav'yalov, B. G.; Tech. Ed.: Gorokhov, Yu. N.

PURPOSE: This book was written to be used by instructors, students, and foremen in manpower reserve training schools, and is also intended for technical personnel dealing with hydraulic equipment.

COVERAGE: The author states that hydraulic presses find an ever widening field of application in Soviet industry and abroad, and

Card 1/4

Present-day Design of Hydraulic Presses

557

the book gives a brief description of the operation and design of modern hydraulic presses for various purposes. Hydraulic presses belong to the basic equipment used in metalworking, the plastics industry, plywood manufacture, and in many other allied industries. This book is written in a popular vein to give technical personnel and students of this field an insight into the elementary principles of hydraulics, types of presses used, and their application. There are diagrams and illustrations of various presses, some of them bearing such names as Fielding, Schluemann, and Bliss. The methods described are said to be based on Soviet and on foreign sources. The author adds that the number of presses and forge hammers will be substantially increased under the Sixth Five Year Plan. There are 3 Soviet references.

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Present-day Design of Hydraulic Presses

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Present-day Design of Hydraulic Presses

557

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AVAILABLE: Library of Congress

Card 4/4

GO/jmr
8-20-58

GOL'MAN, L., kand.tekhn.nauk; MAKSIMOV, L., inzh.

Super pressures today and tomorrow. Izobr.i rats. no.12:32-33
D '58. (MIRA 11:12)

(High pressure research)

ROZANOV, B.V.; GOLUBA, L.D.; MAKSIMOV, L.Ya.

Selecting optimum pressure for hydraulic and pneumatic cylinders.

Eng.-techn. review. 1 no.1:22-24 Jan '59. (MIRA 12:16)

(Power presses--Hydraulic driving)

(Power presses--Pneumatic driving)

ROZANOV, B.V.; GOL'MAN, L.D.; MAKSIMOV, L.Yu.

Stress analysis of hydraulic press cylinders. Kuz.-shtar. proizv.
1 no.7:19-25 J1 '59. (MIRA 12:10)
(Hydraulic presses)

L 19191-63 ENP(q)/ENT(m)/BDC APPS/ASD JD/HW
ACCESSION NR: AR3004200 S/0276/63/000/005/V005/V005

56
55

SOURCE: Rzh. Tekhnologiya mashinostroyeniya, Abs. 5V22

AUTHOR: Maksimov, L. Yu.; Gol'man, L. D.

TITLE: On the problem of the multilayer cylinders of hydraulic presses

CITED SOURCE: Tr. Vses. n.-i. proyektno-konstrukt. in-ta metallurg. Mashinostr.,
sb. 1, 1960, 172-178

TOPIC TAGS: multilayer cylinder, hydraulic press, cylinder strength, high-powered
press

TRANSLATION: The expediency is studied of application of multilayer cylinders to
hydraulic presses. The results obtained by authors in the solution of the multi-
layer container problem are discussed. At given strength properties of material
and the number of layers, there exists an optimum pressure of liquid at which the
outer cylinder radius is minimum. When the number of layers increases the optimum
pressure increases. At the infinitely large number of layers the pressure exceeds
twice the optimum pressure of a solid cylinder. Application of pressures about
30% lower than optimal leads to a substantial weight decrease with a slight

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ACCESSION NR: AR3004200

increase in dimensions. Dimensions and weight of a solid and multilayer cylinder are compared for the following cases: at equal developed stress and pressure at optimum value for a solid cylinder; at equal stress and pressure optimal for a given number of layers; at various pressures in the cylinder. It was established that the use of multilayered cylinders instead of solid ones does not give appreciable results. The gain in dimensions of a 3-layered cylinder, when compared with a solid one, amounts to 13%, at practically no gain in weight. The expediency of production of multilayer cylinders for uniquely high-powered presses is discussed. Technological and shipping possibilities are taken as basis of it. The outlook is outlined for application of high resistant steel tapes for cylinder reinforcing. One figure, 3 references. S. Topaler. /8

DATE ACQ: 21Jun63

SUB CODE: IE, MA

ENCL: 00

Card 2/2

PHASE I BOOK REFERENCE

SOV/5799

Uksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtampovogo proizvodstva (Present State of the Pressworking of Metals) [Moscow] Mashin, 1961. 434 p. 5000 copies printed.

Ed. of Publishing; Editor: A.I. Giretin; Tech. Ed.: B.I. Melnik; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovoye proizvodstvo v SSSR (The Pressworking of Metals in the USSR) by: A.V. Altygin, D.I. Doroshovskiy, V.P. Volkovitskiy, I.I. Giron (Gerasimov), L.D. Golubev, S.P. Grigorovskiy, N.S. Dzhirinskiy, A.I. Zhukov, S. L. Zlotnikov, A.I. Kaganovskiy, P.V. Loshakov, V.M. Martynov, Ye.M. Mikhlin, G.A. Navrotsky, Ya.M. Oshchinskoy, G.M. Rovinskiy, Ye.A. Stepanov, Yu.L. Rozhdnestvenskiy, N.V. Tikhonov, Ye.P. Uksov, V.F. Shcheglov, and L.A. Shofman; Eds: Ye.P. Uksov, Doctor of Technical Sciences, Professor, and B.V. Rozhnov.

Title: Kuznechno-shtampovoye proizvodstvo v CSSR (The Pressworking of Metals in the Czechoslovak SR) by: S. Barla, F. Drazdil, F. Drastik, P. Sladkovic

Card 1/8

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Present State of the (Cont.)

2021/5/22

- [illegible]

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L 33966-65 EWT(d)/EWT(m)/EWA(d)/EWP(v)/EWP(t)/EWP(r)/EWT(h)/EWP(l)/EWA(c)

Pf-l JD/HW

ACCESSION NR: AR5005708

S/0276/64/010/010/V004/V004

30
6

SOURCE: Ref. zh. Tekhnol. mashinostr. Sv. t., Abs. 10V23

AUTHOR: Rozanov, B.V.; Shofman, L.A.; Gol'man, L.D.; Mal'shchikov, L.Yu.;
Rozhkov, V.M.; Andreyev, A.S.; Shcheglov, V.F.; Tokarskiy, A.P.

TITLE: Development of powerful forging presses and new pressure metalworking methods

CITED SOURCE: Tr. Vses. no.-1. i proyektno-konstruk. in-ta metallurg. mashinostr.,
sb. 12, 1964, 353-391

TOPIC TAGS: pressure metalworking, hydraulic press design, hammer design

TRANSLATION: The article surveys the activities of VNIIMETMASH from its inception.
Described are designs of hydraulic presses and hammers developed at the Institute, as
well as new technological processes for pressure metalworking (including hydrostatic
techniques) Bibl. with 21 titles; 26 illustrations.

SUB CODE: IE, MM

ENCL: 00

Card 1/1

ACC NR: AP6032534

SOURCE CODE: UR/0413/66/000/017/0141/0141

INVENTOR: Tselikov, A. I.; Rezanov, B. V.; Nistratov, A. F.; Gol'man, L. D.;
Maksimov, L. Yu.; Pobedin, I. S.; Fridman, A. Z.; Kitain, R. S.; Kuzovich, A. N.;
Nadtochenko, A. F.; Kaganovskiy, F. I.; Kozhevnikov, V. F.; Zonenko, V. V.

ORG: none

TITLE: Hydraulic press reinforced with wire wrapping. Class 58, No. 185696
[announced by the All-Union Scientific Research Institute for the Planning and
Design of Metallurgical Machinery (Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-
konstruktor'skiy institut metallurgicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 141

TOPIC TAGS: hydraulic press, reinforced hydraulic press, *HYDRAULIC EQUIPMENT,*
METAL PRESS

ABSTRACT: This Author Certificate introduces a hydraulic press reinforced (see
Fig. 1) with wire wrapping. The press includes a cylinder, housing consisting of
upper and lower crossmembers and columns with a concave oval-shaped outside surface
which makes it possible to wind a reinforcing band or wire around the housing. To
improve the technical and economic characteristics and the reliability of the press
at the same main parameters, the housing is provided with stiffening ribs located

Card 1/2

UDC: 621.226

ACC NR: AP6032534

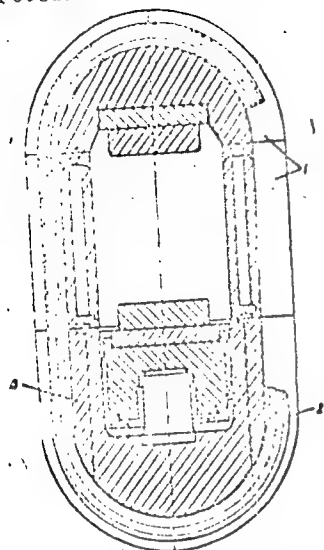


Fig. 1. Hydraulic press reinforced with wire wrapping

- 1 - Stiffening ribs; 2 - wrapping;
3 - lower crossmember.

between the wrapping, and the lower crossmember of the press is laminated and serves as a hydraulic cylinder. Orig. art. has: 1 figure.

SUB CODE: SUBM DATE: 20Aug64/

Card 2/2

GOL'MAN, L.P.: STUP. NOV, R.I.

Tables of reflection coefficients of absorbing media. Uch.zap.
ZHJ no.32:153-206 '57. (MIRA 11:12)
(Reflection (Optics)--Tables, etc.)

GOL'MAN, A.B., inzh.; KAGAN, A.G., inzh.

Response to IU. IA Golger's and I.G. Samoilov's article "Improved
flowsheet for the dressing of Elenovka limestone." Gor. zhur.
no.12:69-70 D '60. (MIRA 13:12)

1. Yuzhgiprerruda, Khar'kov.
(Ore dressing)

(Golger, IU. IA.)

(Samoilov, I.G.)

USSR /Microbiology. General Microbiology

F-1

Abs Jour: Referat. Zh. Biol. Khim., 1957, 2:187

Author : Paron, E. M., Melnikova, L. A., Golman, M. I.

Title : Concerning the "Species Forming" Variability of the Dysentary Bacteria Sonne and Flexner. Report 1. Biological Properties of Variants Obtained As the Result of the Variability of Dysentary Bacteria Sonne and Flexner

Orig Pub: Tr. Mosk. n.-i. in-ta vaktzin i sыворотok, 1956, 8, 297-303

Abstract: The authors adapted the method of single-cell cultures for the study of changeability of dysentary bacteria. Twenty-six cultures of dysentary bacteria Flexner and Sonne were utilized. For a much more effective factor of changeability, they chose the method of "aging" (prolonged preservation

Card 1/2

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol., No. 3, 1957. 3:487

without rewarming at room temperature). In the numerous variants obtained, the cultural and biochemical properties, the antigen structure, and also the pathogeny for mice during enteric infections were thoroughly studied. On the basis of such a study, the variants were divided into several groups beginning with the variants having a comparably small deviation from the original properties, and ending with the variants which were fully identified with the paratyphoid bacteria of the Breslau type or the para-intestinal bacilli, but according to the antigen structure were closer to the dysentery or paratyphoid bacteria.

Card 2/2

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-biol., No. 3, 1957, 15433

Author : Pers, I.F.; Zhdanova, L.G. ; Golman, M.I.

Title : Concerning the "Species Forming" Variability of
the Dysentery Bacteria of Sonne and Flexner.
Report 2. The Nature of the Para-agglutinating
Strains

Orig Pub: Tr. Mosk. n.-1. in-ta vaktsin i syverotok, 1956,
3, 304-307

Abstract: On the basis of experiments with the "aging" of
dysentery cultures obtained from one cell, the
author comes to the conclusion that the so-called
para-agglutinating strains of intestinal and
para-intestinal bacteria themselves produce the
variants of pathogenic bacteria of the intestinal
group. The specification of the antigens in the

Card 1/2

USSR /Microbiology General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35488

variants obtained by such means was confirmed by the reaction of agglutination with mono-receptor sera and the reaction of adsorption of agglutinin according to Castellon's manner. Para-strains having antigens of the Breslau bacteria proved to be pathogenic in experiments on the feeding of mice.

Card 2/2

USSR /Microbiology, General Microbiology

F-1

Abs Jour: Referat. Zh.-Biol., No. 2, 1957, 36883

Author : Pers, I.F.; Shdanova, L.G.; Golman, M.I.

Title : Concerning the "Species Forming" Variability of
the Dysentery Bacteria of Sonne and Flexner.
Report 3. Concerning the Dynamics, Direction
and Disappearance of the Variability of Bacteria of
the Intestinal Group.

Orig Pub: Tr. Mosk. n.-i. Inst. vaktain i syvorotok, 1956,
8, 303-315

Abstract: The authors on the basis of numerous data from
literature and of personal experimental research
come to the conclusion that the variability of
the bacteria of the intestinal group has a really
distinct inclination towards the formation of

Card 1/1

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol. No. 9, 1957, 35-39

variants similar to phylogenetically earlier species and to a diapason of variability up to the variants of the alkali-forming type. Noted is the presence of consistent stages of variability. The uniformity of these changes is determined by the community of phylogenesis of the bacteria of the intestinal group. The authors reject the term put forth by some researchers of "saprophytization" of pathogenic microbes in the process of evolution. In the opinion of the authors, the variants of the Breslau type of bacteria obtained from dysentery bacteria, completely pathogenic and virulent, are "saprophytes" no more than the dysentery bacteria from which they were obtained. The authors further consider that the convergence during the aging of culture in laboratory con-

Card 2/3

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol. No. 2, 1957 36483

ditions is not to a "restoration" of vestiges lost by this or that species during its stay in a medium or in a human organism, but to a deepening variation in a distinct direction. It is the opinion of the authors that on the basis of the data received, a change should be made in the genealogical scheme of Minkevich and it should be assumed that the species of the intestinal and paraintestinal bacilli, of paratyphoid B of the Brachid bacteria, and the dysentary bacteria, are linked by a single line of evolutionary development in the above stated sequence.

Card 3/2

USSR /Microbiology General Microbiology

F-1

Abs Jour: Referat. Zh.-Biol. No. 9, 1957, 364 B

Author: I. I. Chikobava, D. I. Chikobava, M. I.

Title: Generalizing "Species Firming" Variability of the Symbiotic Bacteria of Gorn and Flexner. Report 4. Some Questions of Biology in the Study About Variability of Bacteria of the Intestinal Group.

Orig Pub: Izv. Akad. Nauk. In-ta Vostoka i Severotoka, 1956, 9, 116-122

Abstract: The theoretical basis of the experimental data obtained by the authors and stated in the preceding reports. An analysis is made of the experimental as well as the literature material

Card 1/3

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol., No. 2, 1957, 15400

from the point of view of Michurin's teaching. The authors come to the following conclusions: manifestations of variability in cultures of bacteria of the intestinal group in conditions which are not favorable for their existence, reflect the phylogenetic development of the given species, i.e., they are, so to say, manifestations of atavism, a reversion to close or distant ancestors. As result variants appear which are similar in features and properties to the phylogenetically preceding species. This atavistic variability cannot be likened to adaptive variability or directed variability. The authors stress that the study of adaptive variability in cultures of bacteria of the intestinal group can be adapted for ascertaining the fundamental stages

Card 2/3

USSR /Microbiology. General Microbiology.

F-1

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35490

of the evolutionary development of the species
studied and for ascertaining the phylogenetic
links between these and other species.

Card 3/3

GOL'MAN, P.B., dotsent, kandidat tekhnicheskikh nauk

Horizontal rigidity of bridge cranes. Vest.mash. 35 no.7:14-15
Jl'55. (MLRA 8:10)

(Cranes, erricks, etc.)

GOL'MAN, P.B., kand.tekhn.nauk, dotsent

Determining the flexure and needed height of welded crane beams without
trusses. Vest.mashinostr. 43 no.4:24-26 Ap '63. (MIRA 16:4)
(Beams and girders)

1. The first part of the report is a summary of the work done during the period covered by the report.

2. The second part of the report is a detailed description of the work done during the period covered by the report. This part includes a description of the methods used, the results obtained, and a discussion of the significance of the results.

GOL'MAN, P. P.
USSR/Miscellaneous---machine construction

Card 1/1

Author : Tabachnikov, P. I.; engineer and Gol'man, P. P., engineer
Title : Making and reconditioning forging dies by electric-arc fusion
Periodical : Vest. mash. 34/3, 54-57, Mar/1954
Abstract : The Central Scientific-Research Institute of the Ministry of Transportation and Heavy Machine Construction is experimenting on making forging dies by electric-arc fusion. New electrodes have been developed for this work. The SH-16 electrode furnishes the following composition of fused metal: 0.3-0.4 percent C, 10.5-13.5 percent Cr, 3.0-3.5 percent W, 0.6-0.9 percent V, 1.0-1.6 percent Si, and 0.45 percent Mn. A steel is used of a definite hardness. In the tempered state the steel of the die has the structure of Martensite steel. Table; drawings.
Institution :
Submitted :

104-142, 143
PC

PROCESSOR AND PROPERTIES MICRO

Pain and muscular fatigue. B. V. GOLMAN (Acta med. U.R.S.S., 1938, 1, 44-71).—Patients with paralysed or amputated limbs performed imaginary flexion-extension movements with the paralysed or amputated limb; they felt tired after having "worked." If the "movements" were continued further unbearable pain was felt in the distal end of the limb and in the "moving" muscles. Later complete exhaustion developed and the sensation of the presence of the limb was lost. The fatigue came on earlier in each successive experiment and disappeared gradually on stopping the movements. Redness of the face, increase of heat production, rise of pulse and respiration rate were recorded. Absence of fatigue was observed in a patient with Parkinsonian hyperkinesia even after 3 hr. of real work. T. T.

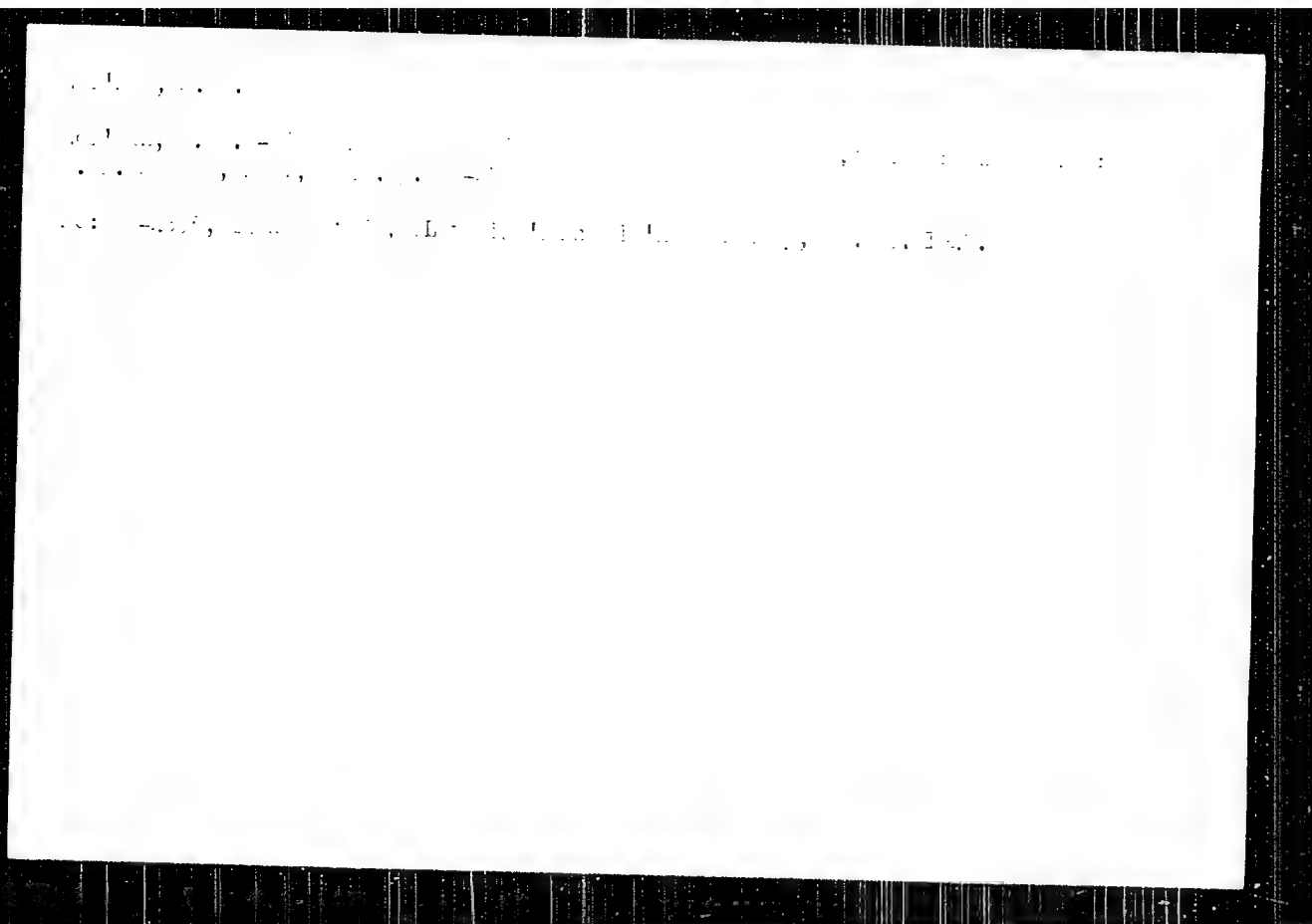
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730001-9

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730001-9"



GOLMAN, Yehon

Kind of vertebrate remains in the section part of the
 Section Japan Informator VESBNI no. 40-45 46 47, 1941
 (Japan Mountains- Geology, Stratigraphy)

GOL'MBERG, V.V.

Treatment of angina phlegmonosa with biochinole. Vest. otorinolar., Moskva
15 no.3:87 May-June 1953. (CML 25:1)

1. Rostov-on-the-Don.

GOL'MBERG, V.V. (Yuzhno-Sakhalinsk).

Cases of esophagotracheal fistula. Vestn. oto-rin. i laryngol. 1970
10-12:1511. (ML2a 2:1)
(Fistula) (Trachea) (Esophagus--Foreign bodies)

GOLIMBERG, V.V. (Yuzhno-Sakhalinsk)

very small, small

Tumorlike growth of the salivary gland of the tongue. Vestn. *Med. Akad. Nauk SSSR*
rin. 16 no.6:72-73 H-D 1974. (MLRA 8-1)

(TONGUE, neoplasms
hamartoma)

(HAMARTOMA
tongue)

GOL'MBERG, V.V. (Iuzhno-Sakhalinsk)

Tonsillectomy with a thyroid probe. Vest. oto-rin. 17 no.5:76

S-0 '55.

(MLRA 9:2)

(TONSILLITIS, surgery,
with thyroid sound)

GOL'MBERG, V.V., (Yuzhno-Sakhalinsk)

Pathogenesis of angina and classification of acute and chronic
tonsillitis. Vest. oto-rin. l. no.1:53-55 Ja-F '56. (MLA 9:6)

(TONSILS--DISEASES
classif. & pathogen)

GOLIMBERG, V.V. (Yuzhno-Sakhalinsk)

Simanovskii-Vinent's angina and its treatment with biochinol. Vest.
oto-rin. 18 no.3:16-17 My-Je '56. (MLRA 9:8)

(GROUP,

angina ulcero-membranacea, biochinol ther.)

(PHARYNGITIS,

same)

GOLMBIK, E., S.,

Pa. 173735

USSR/Chemistry - Synthetic Anticlotics

Jan 51

"Methylation of Diethylacetal Formylhippuric Ester," A. Ya. Terkin, V. I. Rayzind, A. S. Golmbik, All-Union Sci Res Chemicophar Inst imeni S. Ordzhonikidze, Moscow

"Zhur Obshch Khim" Vol XXI, No 1, pp 130-143

Investigation aimed at synthesis of penicillinlike substances; methylated hippuric ester to form benzoylsarcosine; methylated diethylacetal formalhippuric to obtain (dependent on reaction conditions) ethoxymethylene-N-methylhippuric ester or 2-phenyloxazol-4-carboxylic acid ester, with ethoxymethylenehippuric ester and ethoxymethylene-N-methylhippuric ester are very resistant to action of alkalis, but only former group can add elements of alc.

Pa. 173735

SECRET

1. The following information was obtained from a source who has provided reliable information in the past.

2. The source has provided reliable information in the past.

GOL'MOV, V. P.

DECEASED
c.'62

1963/
4

Dr. Chem Sci.

ACC NR:AT6034365

SOURCE CODE: UR/0000/66/000/000/00.0/0048

AUTHOR: Bokun, V. V.; Bokun, R. A.; Golovinskiy, V. I.; Gol'mshok, A. Ya.

ORG: none

TITLE: Geological structure of the Mesozoic-Cenozoic sedimentary cover in the northwestern part of the Black Sea

SOURCE: AN SSSR. Mezhdunarodnyy geofizicheskiy komitet. Stroyeniye Chernomorskoy vpadiny (Structure of the Black Sea depression); sbornik statey. Moscow, Izd-vo Nauka, 1966, 40-48

TOPIC TAGS: seismic wave propagation, earth crust, elastic wave propagation, gravity measurement, geoelectric boundary, *tectonic, stratigraphy*

ABSTRACT: On the basis of geophysical data, two conjugate tectonic units (a basin and an arch-like uplift) are identified in the Black Sea depression. The axis of the basin runs in a southwest direction from the area of the northern Azov depression through the eastern part of the northern Sivashi to the Bakal spit on the northern coast of the Tarkhan-kutskiy Peninsula. The conjugate zone of the depression and the uplift is accompanied by a series of sublatitudinal disturbances which are marked by a clear gravity gradient. The Karkinitskiy gravity minimum is

Card 1/2

ACC NR:AT6034365

explained by the structure of the deep-seated layers of the crust. Elastic-wave propagation velocities and geoelectric properties determined from deep exploratory wells in the Tarkhankutskiy area indicate the existence of two major layers, the upper consisting of terrigenous Tertiary formations characterized by unstable velocity characteristics. The coincidence of a velocity jump and the occurrence of the geoelectric boundary indicated that the refracting boundary and the horizon of infinitely high resistance belong to the upper part of the carbonate layers of the Upper Cretaceous. Article contains charts showing seismic profiles, refracting horizons, the geoelectric horizon, and velocities. Orig. art. has: 4 figures.

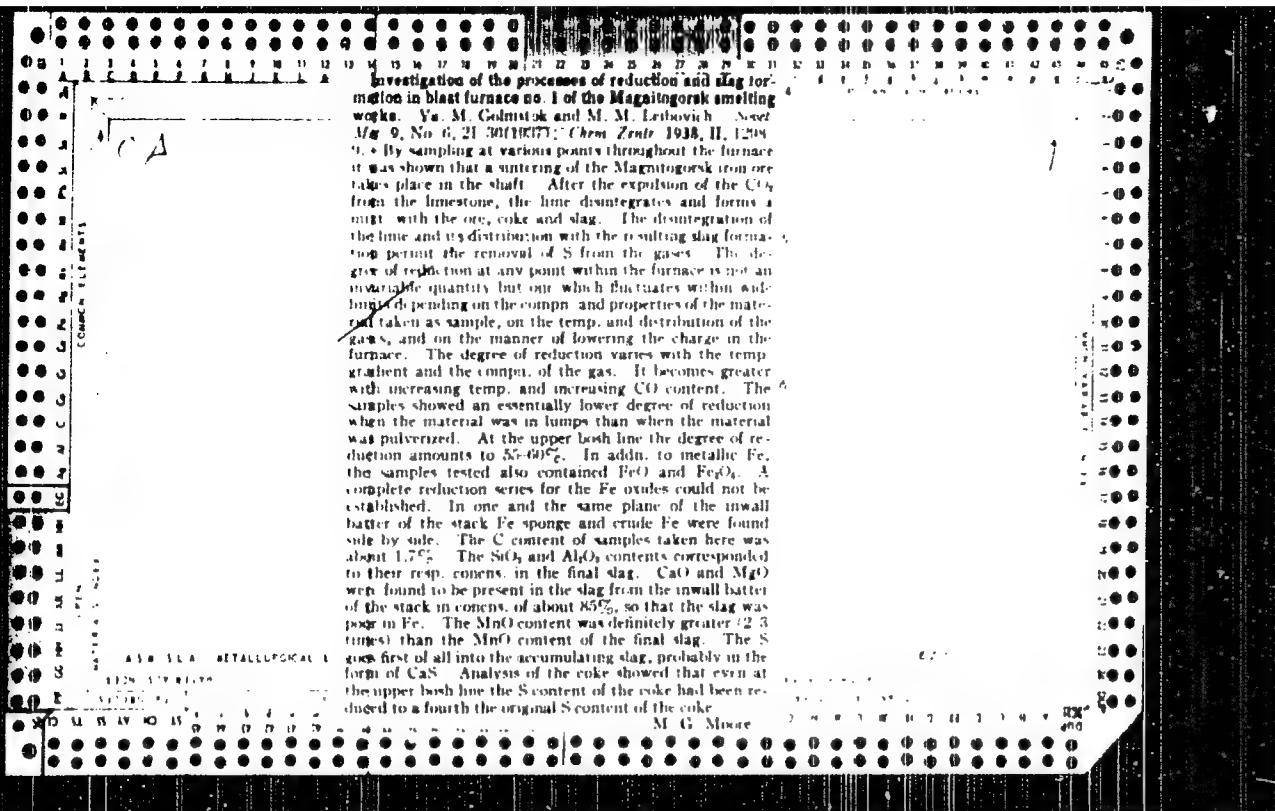
SUB CODE: 08/ SUBM DATE: 04May66/ ORIG REF: 008

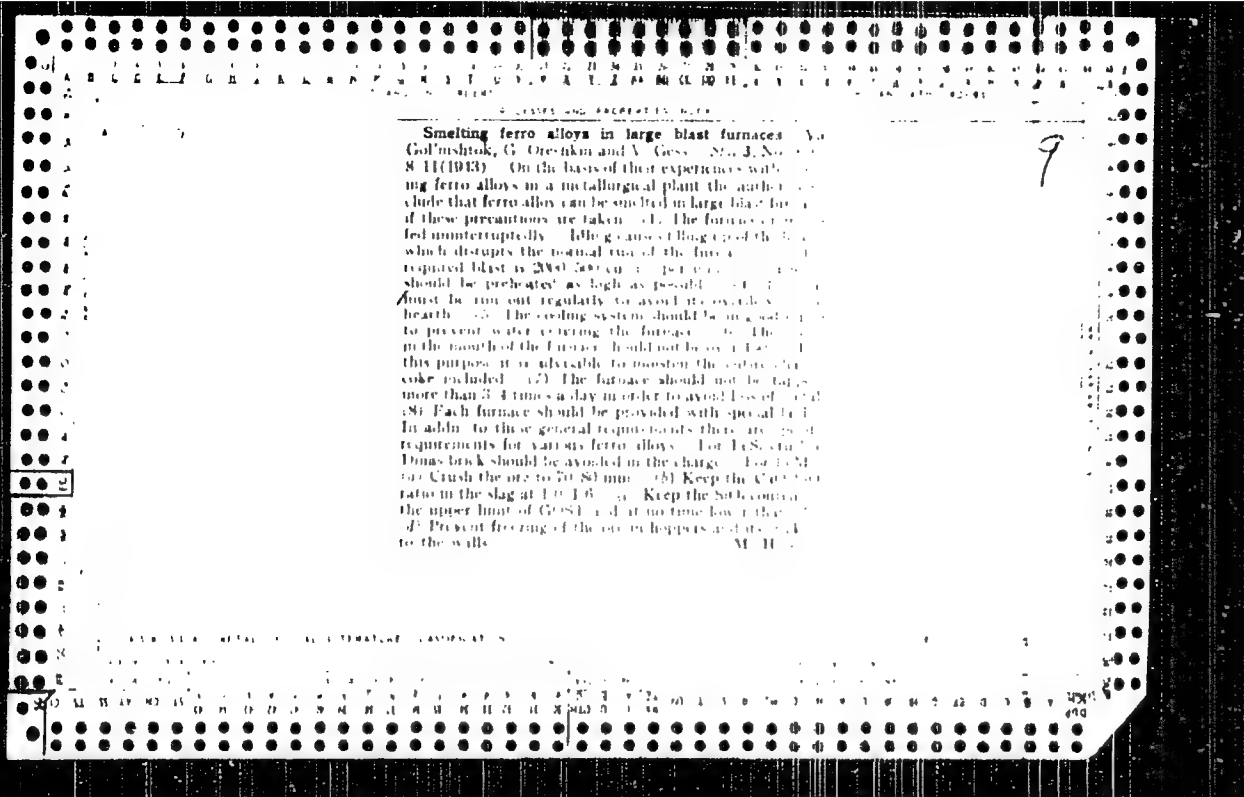
Card 2/2

18

Titanium containing blast furnace slag. *Trans. Am. Inst. Min. Engrs.* Vol. 7, No. 19, p. 17, 1906. *Trans. Am. Inst. Min. Engrs.* 1906, 1, 1754. Investigation of the effect of the influence of SiO₂, Al₂O₃, CaO, MgO, FeO, and the nature of the viscosity of the slag. *Trans. Am. Inst. Min. Engrs.* Vol. 7, No. 19, p. 17, 1906.

ASR 51.4 METALLURGICAL LITERATURE CLASSIFICATION





GOL'MSHTOK, Ya.M.; BASOV, V.T.

Effect of various factors on the distribution of the gas stream throughout the cross section of the shaft and control of the run of the furnace by changing the rate of charging. Trudy Leningrad. Politekh. Inst. im. M.I. Kalinina '49, No.2, 92-166. (MLRA 6:3)
(CA 47 no.21:11098 '53)

137-1457 12 13315

Translation from: Referativnyy zhurnal' Metalurgiya, 1957, No. 1, p. 76 (USSR)

AUTHORS: Gol'mshtok, Ya. M., Ostroukhov, M. Ya.

TITLE: The Effect of the Physical Properties of Coke on the Distribution of Gases and on the Dimensions of the Oxidizing Zone in a Blast Furnace (Vliyaniye fizicheskikh svoystv koksa na raspredeleniye gazov i razmery okislitel'nykh zon v dymennoy pechi)

PERIODICAL: Tr. Leningr. politekhn. in-ta, 1955, Nr 179, pp 85-104

ABSTRACT: Bibliographic entry

1. Coke-Physical properties-Effects
2. Gas-Distribution-applications
3. Furnaces-oxidizing zones-Determination
4. Bibliography

Card 1 1

GOL'MSHTOK, Ya.M.; SVINTSOV, Yu.P.

Effect of the basicity of the sinter on its reliability and its temperature of fusion. Trudy LPI no.212:152-157 '60.

(Sintering)

(Fusion)

(MIRA 13:12)

GOL'MSHTOK, Ya.M.; KUZ'MIN, I.A.; LEVIN, L.Ya.; RAMM, A.N.; YAKUBTSINER, N.M.

Three years of blast furnace operation at the Cherepovets Metallurgical
Plant. Trudy LPI no.212:7-23 '60. (MIRA 13:12)
(Cherepovets--Blast furnaces)

3,1710
S/19-01/000/001/033/038
D216/0304

AUTHORS Butusov, S.P., Gol'tsev, V. Ya. and Iskhakov, A. M.
TITLE The wide band modulating receiver of the large radio-
telescope for the wavelength $\lambda = 55$ cm
PERIODICAL Referativnyy zhurnal Avtomatika i radioelektronika,
no. 1, 1961, 13 abstract 1 K117 (Izv. Gl. astron.
observ. v Pulkovo, 1960 21, no. 5 105-107)

TEXT: The receiver is of a straight amplification type using
its characteristics: 1) a wide band exciter (frequency band > 200
Mc/s with VSWR 1.5) which has a simple and reliable slot balancer
and 2) a new waveguide polarizing modulator with a rotating diode-
analyzer (frequency band 100 Mc/s, channel discrimination and second
channel signal attenuation > 20 dB). The receiver sensitivity $\sim 10^{-10}$
for a frequency band of 60 Mc/s and time constant 1 sec. The cir-
cuits of the receiver are given together with the schemes of the
exciter and modulator. 5 references.

Card 1/1

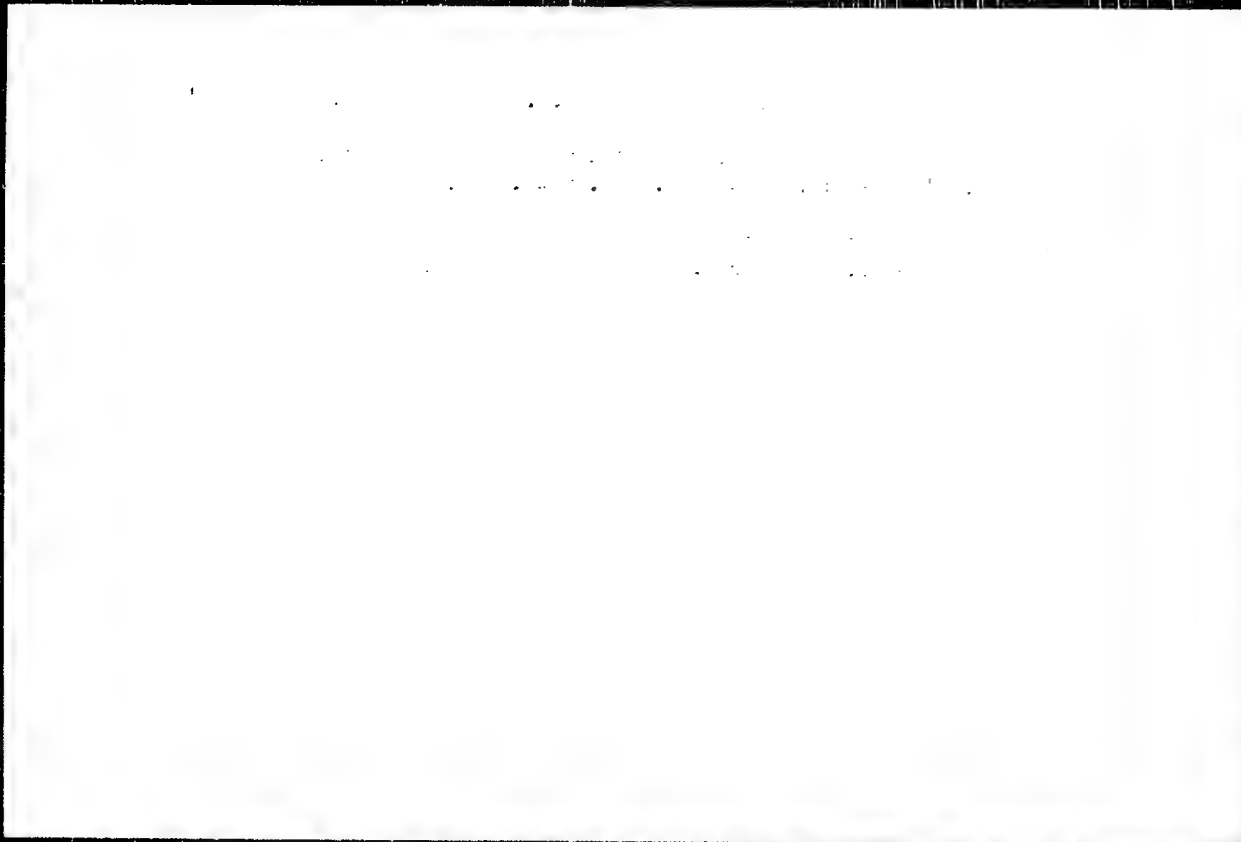
ПОЛУЧЕНЫ, М.П., РАЙОНА, М.П., РАЙОНА, М.П.

Observations with the large radio-telescope of the Joliot-Curie Observatory
on 33 cm. wavelengths beyond the long-wave limit of its range.
187. vya. uchast. div.; radiats. s. n. 187. 187. 187. (MIRA 1:7)

1. Glavnyy ustroystvo (telemekh. AN SSSR.
(Telemekh. ustroystvo) (Radiats. ustroystvo)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730001-9

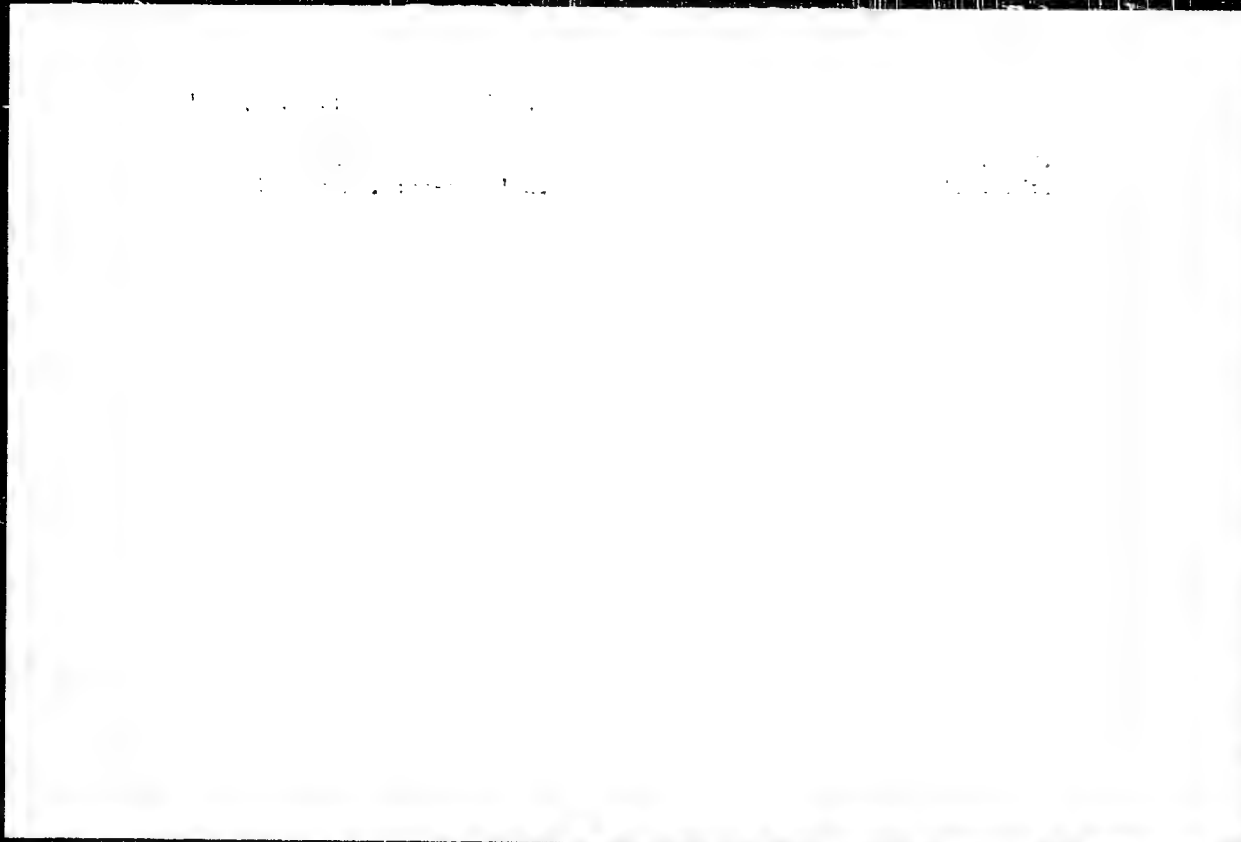


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CIA-RDP86-00513R000515730001-9"

L 8831-65 FBD/EWT(1)/EWG(v)/EEC-4/EEC(t)/EWA(h) Pr-4/Pe-5/Pae-2/Peb/

Pi-4 SSD/AFWL GW/WS

ACCESSION NR: AP4042785

S/0020/64/157/003/0554/0556

AUTHOR: Gol'nev, V. Ya.; Lipovka, N. M.; Pariyskiy, Yu. N.

TITLE: Observation of the radio emission of Jupiter on the 6.5-cm wavelength at Pulkovo

SOURCE: AN SSSR. Doklady*, v. 157, no. 3, 1964, 554-556

TOPIC TAGS: Jupiter, Jupiter radio emission, Jupiter brightness temperature

ABSTRACT: The radio emission of Jupiter on the 6.5-cm wavelength was observed in October and November 1963 with the large Pulkovo radio telescope. A wideband direct-amplification receiver with a parametric amplifier at its input was used as the radiometer. Its sensitivity, at a time constant of 3 sec, was 0.05K. Under the assumption that the flux from radiation source 3C 273 was 27.4×10^{-26} w/m² cps at the 6.5-cm wavelength, it was found that the flux from Jupiter was $8.15 \pm 0.8 \times 10^{-26}$ w/m² cps, which corresponds to a disk brightness temperature of 324 ± 30 K. This is 196K greater than the disk tempera-

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L 8831-65

ACCESSION NR: AP4042785

ture from infrared observations (128K). The antenna radiation pattern was determined on the basis of sources 3C 48, 3C 268 and 3C 273, and the results of observations at the 6.5-cm wavelength were compared with the theoretical values of pattern expansion for various models of the radio emission region. It was found that at a distance of $1.5R_{\text{Jupiter}}$ from the center of Jupiter, radio emission is virtually nonexistent. On the 75—21-cm band, the dimension of the increased radio emission region is equal to $3D_{\text{Jupiter}}$ and remains almost unchanged. At the 6.5-cm wavelength, it is approximately (1.3 plus or minus 0.2) D_{Jupiter} , and at the 3.02-cm wavelength, the increased radio emission region nearly coincides with the visible disk of the planet. It is also stated that it may now be considered as established that in the decimetric band the increased radio emission emanates from radiation belts surrounding the planet. Moreover, the measurements of Jupiter's dimensions have shown that with an increase in frequency, the radio emission maxima of the belts shift toward the surface of the planet. Under the assumption that the position of Jupiter's magnetic pole is $L_{111} = 195^\circ$, $B = 80^\circ$, it was found that the upper amplitude limit of the flux variation with latitude observed at the 6.5-cm wavelength was about 2%, and that after taking into account the black body

Card 2/3

L 8831-65

ACCESSION NR: AP4042785

emission at 128K, the polarization of "excess" radiation is lower than 18% at this wavelength. Orig. art. has: 4 figures.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya Akademii nauk SSSR (Main Astronomical Observatory, Academy of Sciences SSSR)

SUBMITTED: 13Mar64

ATD PRESS: 3106

ENCL: 00

SUB CODE: AA

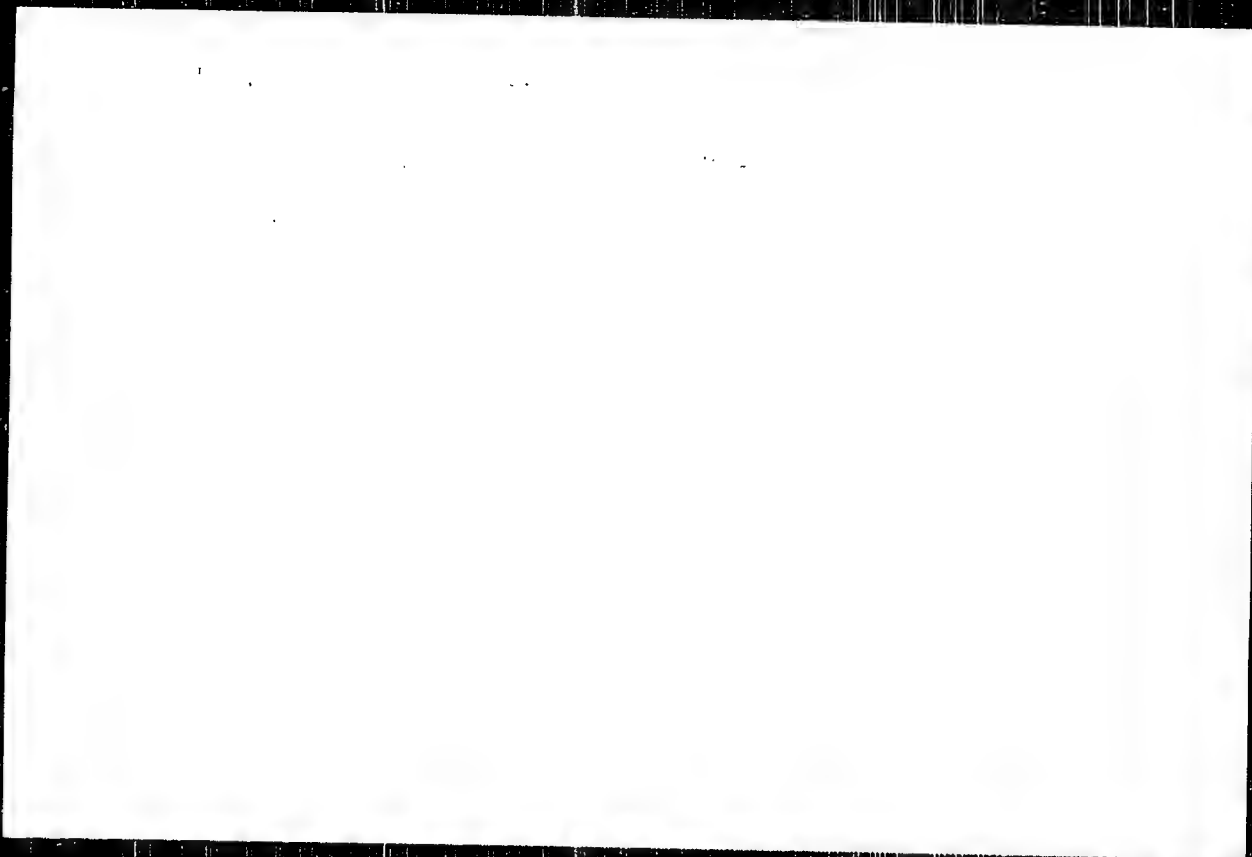
NO REF SOV: 003

OTHER: 006

Card 3/3

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515730001-9



APPROVED FOR RELEASE: 09/24/2001

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© 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680,

145.

145.

L 2689-66 FBD/EWT(1) GH/WS-4
ACCESSION NR: AP5020671

UR/0033/65/042/004/0694/0704
523.164.42

AUTHORS: Gol'nev, V. Ya.; Soboleva, N. S.

TITLE: Observations of the polarized radio emission of four extragalactic sources at 6.6 cm with a resolution of 2 minutes of arc

SOURCE: Astronomicheskii zhurnal, v. 42, no. 4, 1965, 694-704

TOPIC TAGS: radio emission, radio telescope, extragalactic emission, polarized radiation

ABSTRACT: Polarization measurements were made of the four extragalactic sources ZS 273, 348, 353, and 405 by means of the large Pulkovo radio telescope during 1963-64. Observations for the first three were made in January to May 1964, for the last in the summer of 1963. The channel for polarization measurements was a circular waveguide-exciter, a ferrite modulator (frequency modulation of 1000 cycles), and a rectangular waveguide-analyzer. The design of the exciter and the intake part of the receiving device permitted observation at various positions of the analyzer within a range of 180° . For the first three sources measurements were made at two positions of the analyzer 45° apart. The two parameters Stokes

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L 2689-66

ACCESSION NR: AP5020671

and U could then be determined, completely defining the linear polarization signal. Parasitic polarization signals associated with the antenna system were disregarded. A fundamental difference was observed in the distribution of polarized and nonpolarized radio emission. The presence of strong polarization in some regions, particularly in the 348 and 353 sources, indicates a uniform magnetic field. The coordinates of these regions coincide with those of the optical galaxies. ZS 353 is apparently not a simple double object, but is rather complex in structure. For the first three sources no notable polarization was detected in the homogeneous field within the source itself. "The authors express their thanks to N. Ye. Gol'neva and N. F. Korneyeva for their aid in computations and to Yu. N. Pariyskiy for discussions of the manuscript." Orig. art. has: 12 figures and 1 table.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya, Akademii nauk SSSR (Main Astronomical Observatory, Academy of Sciences, SSSR) 55

SUBMITTED: 15Dec64

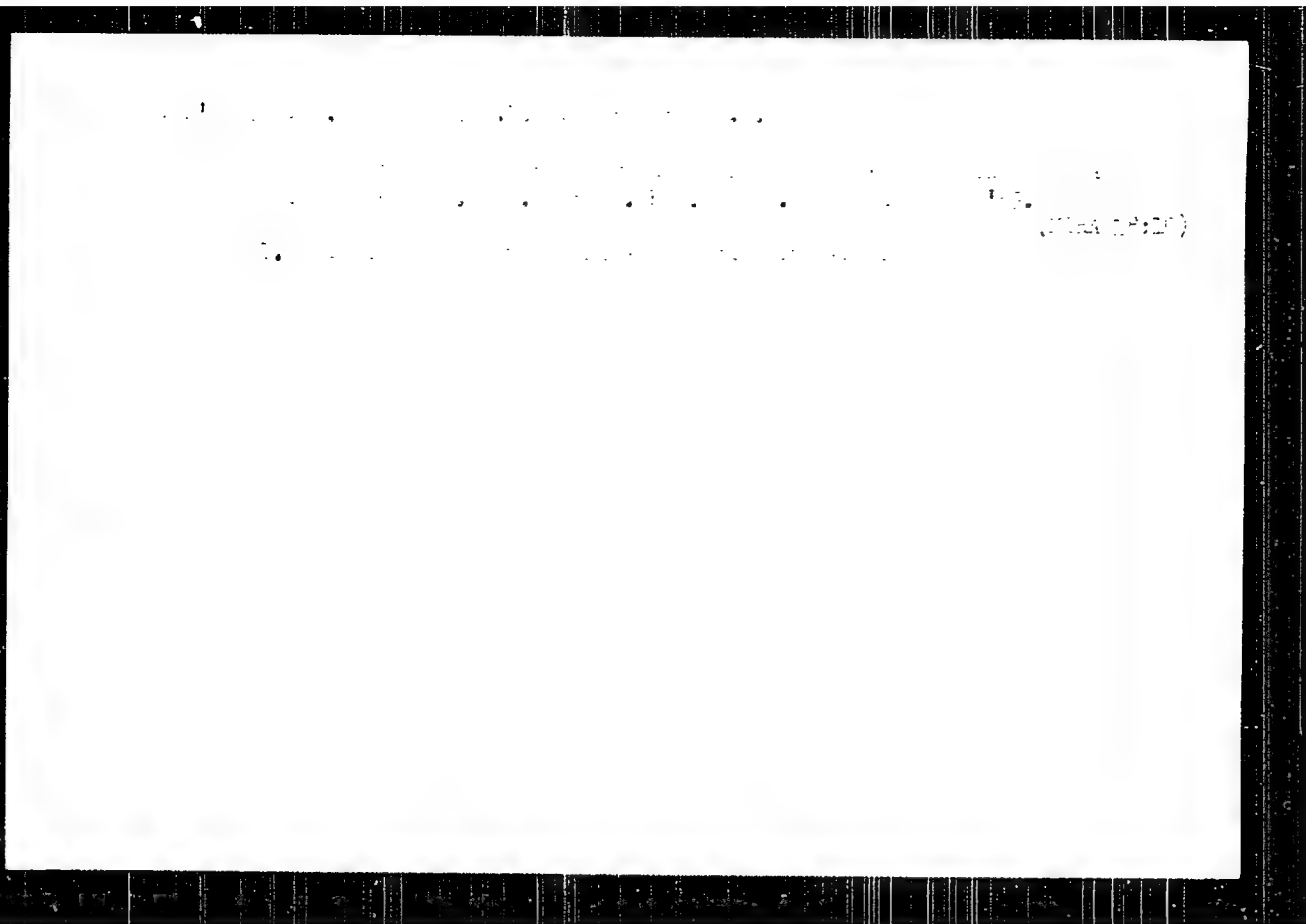
ENCL: 00

SUB CODE: AA

NO REF SOV: 009

OTHER: 028

Card ^{Ki} 2/2



USSR / Cultivated Plants. Ornamental.

M-8

Abs Jour: Ref Zhur-Biol., No 6, 1958

Author : Gol'neva, I. M.

Inst : Botanical Institute, Academy of Sciences, Azerbaydzhan SSR

Title : Several Early Flowering Wild Bulbous Plants in Azerbaydzhan

Orig Pub: Izv. AN AzSSR, 1957, No 3, 121-127 (res. Azerb.)

Abstract: Description is given of *Sternbergia lutea* L. and *S. Fischeriana* Herb. (fam. Amarillidaceae) and *Iris reticulata* M. B., wild-growing bulbous plants in Azerbaydzhan SSR. Report is made of phenological observations on them and several methods of cultivating them in the Botanical Garden of the Botanical Institute of the Academy of Sciences Azerbaydzhan SSR. It is shown where it is possible to

Card 1/2

CVCHINNIKOV, V.V.; BARTELEV, G.M.; GOL'DNEVA, E.K.

Durometer for determining the hardness of rubber in
international units. Kauch.i rez. 21 no.9-55-56 S '62.
(MIRA 15:11)

1. Nauchno-issledovatel'skiy institut rezinoy
promyshlennosti.

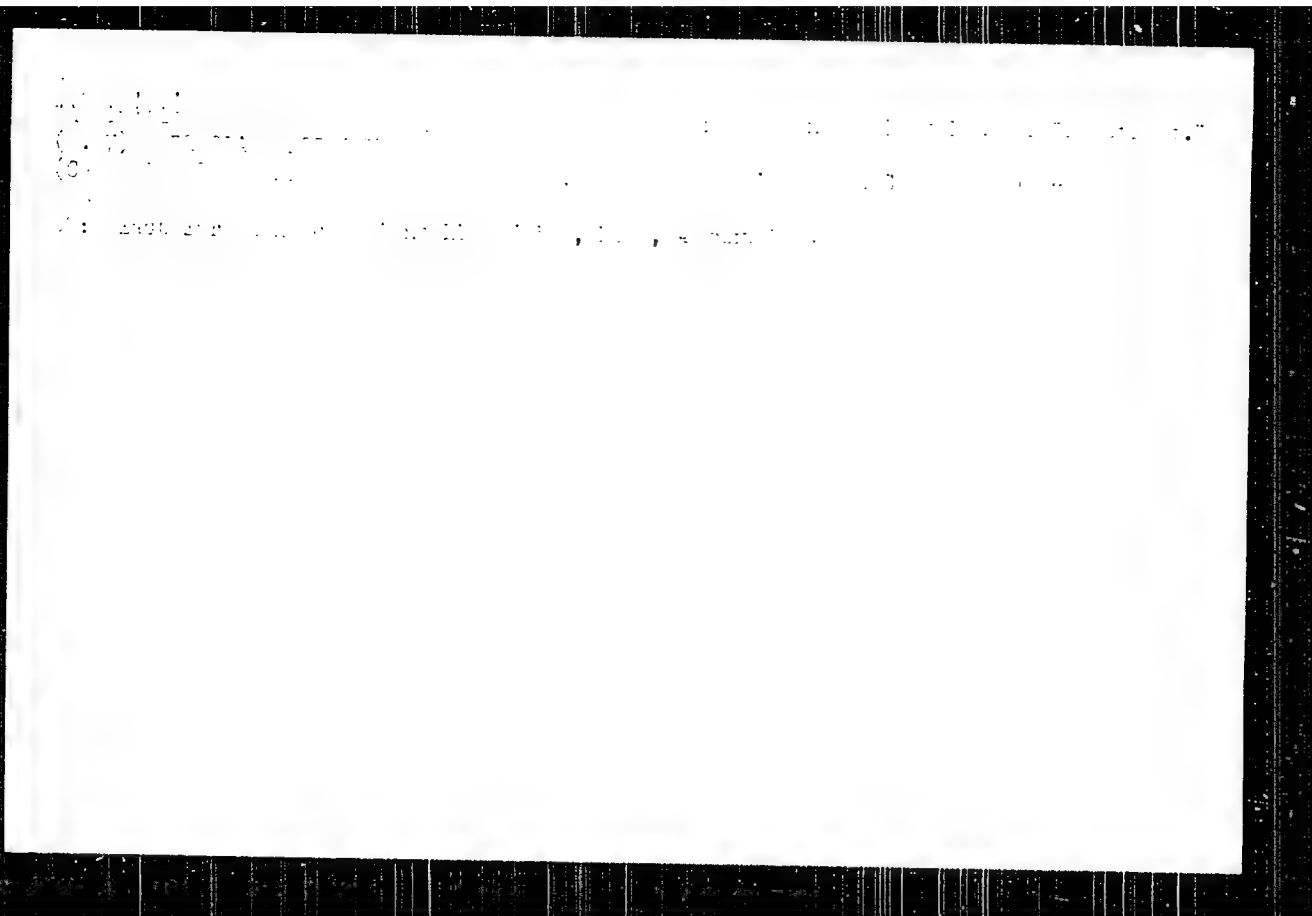
(Rubber--Testing)
(Hardness)

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Also, SECRET, CONFIDENTIAL, SECRET, CONFIDENTIAL, SECRET, CONFIDENTIAL.

ACC NR: AP6033908 EWT(1)/EWT(m)/EWT(L)/ET1 LEE(c) JD AT
SOURCE CODE: GE/0010/66/017/002/K187/K190

AUTHOR: Yurasova, V. E.; Buchanov, V. M.; Golo, M.

ORG: Physica Department, Moscow State University

TITLE: Directional emission of charged particles from a single crystal under ion bombardment

SOURCE: Physica status solidi, v. 17, no. 2, 1966, K187-K190

TOPIC TAGS: ion bombardment, argon ion, charged particle, particle emission, directional emission

ABSTRACT: The results are presented of a simultaneous investigation of the angular and energy distributions of secondary electrons and ions ejected from the (100) plane of a copper single crystal under 4.5-keV argon ion bombardment. The apparatus used is similar to that described previously by Yurasova et al. (ZhETF, 47, 473, 1964) except that the present collector arrangement was made mobile. The angular distribution within the hemisphere above the target, as a function of the two angles, azimuth angle ϕ and polar angle θ , was measured. The values of these angles were changed by rotating both the target and collector through 2° to 15° . The energy distribution of secondary particles on the ejection angle was studied by the retarding potential method. The

Card 1/2

Card 2/2

RAMINOVICH, I.B.; GOLOB, V.I.; ZFINOVA, N.A.; RUSTAMOV, A.M.

Isotopic effect in the compressibility and association of deuterio-
alcohols. Dokl. AN SSSR 114 no.3:590-593 Ky '57. (MLBA 10:8)

1. Institut khimii Gor'kovskogo gosudarstvennogo universiteta im.
N.I. Lobachevskogo. Predstavleno akademikom A.N. Frumkinym.
(Alcohols) (Deuterium compounds)

BASHTAN, F.A.; GOLOBIN, D.I.; STAPANOVA; SHUL'MAN, A.A.

Prevention of Basedow's disease caused by iodine. Vrach.delo
no.2:201 P '57. (MLBA 10:6)

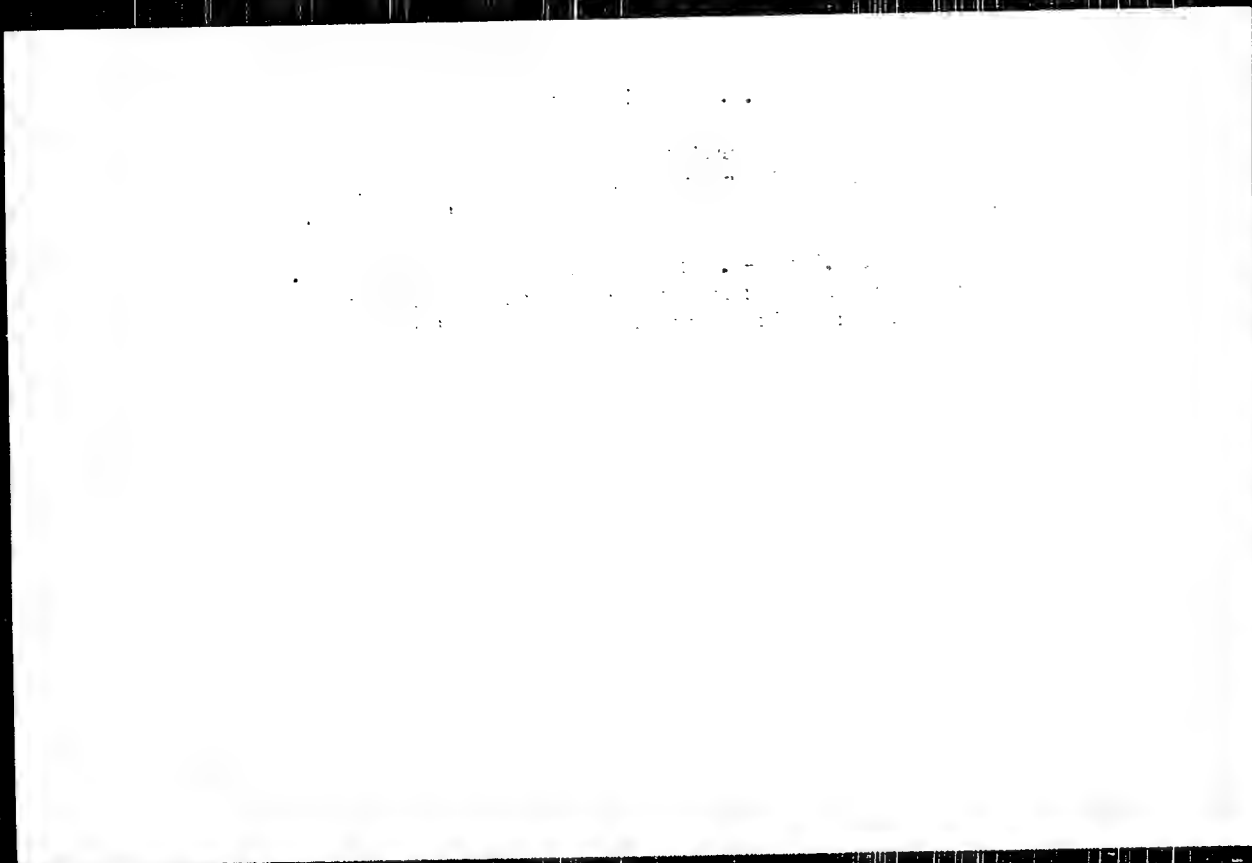
1. Chernovitskiy meitsinskiy institut.
(POTASSIUM IODIDE--TOXICOLOGY)
(GRAVES' DISEASES)

GOLOBIN, G. G.

Use of blood ex-transfusions for stimulating the healing of injured
wounds, survey of Russian and foreign literature, Vestnikh. 8'
1960, 10-11 No. 160. (MIRA 10.10)
(WORDS—TREATMENT) (BLOOD AS FOOD AND MEDICINE)

"APPROVED FOR RELEASE: 09/24/2001

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CIA-RDP86-00513R000515730001-9"

3-8-67, . . .

1. The following table shows the number of people who were employed in the manufacturing sector in the United Kingdom from 1970 to 1990. The number of people employed in the manufacturing sector is given in millions.

3: greatest common factor, (10, 15, 20) = 5, 50, 75, 100 = 25, 150, 200 = 50, 300, 400 = 100, 600, 800 = 200, 900, 1200 = 300, 1500, 2000 = 500, 2500, 3000 = 750, 3500, 4000 = 1000, 4500, 5000 = 1250, 5500, 6000 = 1500, 6500, 7000 = 1750, 7500, 8000 = 2000, 8500, 9000 = 2250, 9500, 10000 = 2500, 10500, 11000 = 2750, 11500, 12000 = 3000, 12500, 13000 = 3250, 13500, 14000 = 3500, 14500, 15000 = 3750, 15500, 16000 = 4000, 16500, 17000 = 4250, 17500, 18000 = 4500, 18500, 19000 = 4750, 19500, 20000 = 5000, 20500, 21000 = 5250, 21500, 22000 = 5500, 22500, 23000 = 5750, 23500, 24000 = 6000, 24500, 25000 = 6250, 25500, 26000 = 6500, 26500, 27000 = 6750, 27500, 28000 = 7000, 28500, 29000 = 7250, 29500, 30000 = 7500, 30500, 31000 = 7750, 31500, 32000 = 8000, 32500, 33000 = 8250, 33500, 34000 = 8500, 34500, 35000 = 8750, 35500, 36000 = 9000, 36500, 37000 = 9250, 37500, 38000 = 9500, 38500, 39000 = 9750, 39500, 40000 = 10000, 40500, 41000 = 10250, 41500, 42000 = 10500, 42500, 43000 = 10750, 43500, 44000 = 11000, 44500, 45000 = 11250, 45500, 46000 = 11500, 46500, 47000 = 11750, 47500, 48000 = 12000, 48500, 49000 = 12250, 49500, 50000 = 12500, 50500, 51000 = 12750, 51500, 52000 = 13000, 52500, 53000 = 13250, 53500, 54000 = 13500, 54500, 55000 = 13750, 55500, 56000 = 14000, 56500, 57000 = 14250, 57500, 58000 = 14500, 58500, 59000 = 14750, 59500, 60000 = 15000, 60500, 61000 = 15250, 61500, 62000 = 15500, 62500, 63000 = 15750, 63500, 64000 = 16000, 64500, 65000 = 16250, 65500, 66000 = 16500, 66500, 67000 = 16750, 67500, 68000 = 17000, 68500, 69000 = 17250, 69500, 70000 = 17500, 70500, 71000 = 17750, 71500, 72000 = 18000, 72500, 73000 = 18250, 73500, 74000 = 18500, 74500, 75000 = 18750, 75500, 76000 = 19000, 76500, 77000 = 19250, 77500, 78000 = 19500, 78500, 79000 = 19750, 79500, 80000 = 20000, 80500, 81000 = 20250, 81500, 82000 = 20500, 82500, 83000 = 20750, 83500, 84000 = 21000, 84500, 85000 = 21250, 85500, 86000 = 21500, 86500, 87000 = 21750, 87500, 88000 = 22000, 88500, 89000 = 22250, 89500, 90000 = 22500, 90500, 91000 = 22750, 91500, 92000 = 23000, 92500, 93000 = 23250, 93500, 94000 = 23500, 94500, 95000 = 23750, 95500, 96000 = 24000, 96500, 97000 = 24250, 97500, 98000 = 24500, 98500, 99000 = 24750, 99500, 100000 = 25000, 100500, 101000 = 25250, 101500, 102000 = 25500, 102500, 103000 = 25750, 103500, 104000 = 26000, 104500, 105000 = 26250, 105500, 106000 = 26500, 106500, 107000 = 26750, 107500, 108000 = 27000, 108500, 109000 = 27250, 109500, 110000 = 27500, 110500, 111000 = 27750, 111500, 112000 = 28000, 112500, 113000 = 28250, 113500, 114000 = 28500, 114500, 115000 = 28750, 115500, 116000 = 29000, 116500, 117000 = 29250, 117500, 118000 = 29500, 118500, 119000 = 29750, 119500, 120000 = 30000, 120500, 121000 = 30250, 121500, 122000 = 30500, 122500, 123000 = 30750, 123500, 124000 = 31000, 124500, 125000 = 31250, 125500, 126000 = 31500, 126500, 127000 = 31750, 127500, 128000 = 32000, 128500, 129000 = 32250, 129500, 130000 = 32500, 130500, 131000 = 32750, 131500, 132000 = 33000, 132500, 133000 = 33250, 133500, 134000 = 33500, 134500, 135000 = 33750, 135500, 136000 = 34000, 136500, 137000 = 34250, 137500, 138000 = 34500, 138500, 139000 = 34750, 139500, 140000 = 35000, 140500, 141000 = 35250, 141500, 142000 = 35500, 142500, 143000 = 35750, 143500, 144000 = 36000, 144500, 145000 = 36250, 145500, 146000 = 36500, 146500, 147000 = 36750, 147500, 148000 = 37000, 148500, 149000 = 37250, 149500, 150000 = 37500, 150500, 151000 = 37750, 151500, 152000 = 38000, 152500, 153000 = 38250, 153500, 154000 = 38500, 154500, 155000 = 38750, 155500, 156000 = 39000, 156500, 157000 = 39250, 157500, 158000 = 39500, 158500, 159000 = 39750, 159500, 160000 = 40000, 160500, 161000 = 40250, 161500, 162000 = 40500, 162500, 163000 = 40750, 163500, 164000 = 41000, 164500, 165000 = 41250, 165500, 166000 = 41500, 166500, 167000 = 41750, 167500, 168000 = 42000, 168500, 169000 = 42250, 169500, 170000 = 42500, 170500, 171000 = 42750, 171500, 172000 = 43000, 172500, 173000 = 43250, 173500, 174000 = 43500, 174500, 175000 = 43750, 175500, 176000 = 44000, 176500, 177000 = 44250, 177500, 178000 = 44500, 178500, 179000 = 44750, 179500, 180000 = 45000, 180500, 181000 = 45250, 181500, 182000 = 45500, 182500, 183000 = 45750, 183500, 184000 = 46000, 184500, 185000 = 46250, 185500, 18

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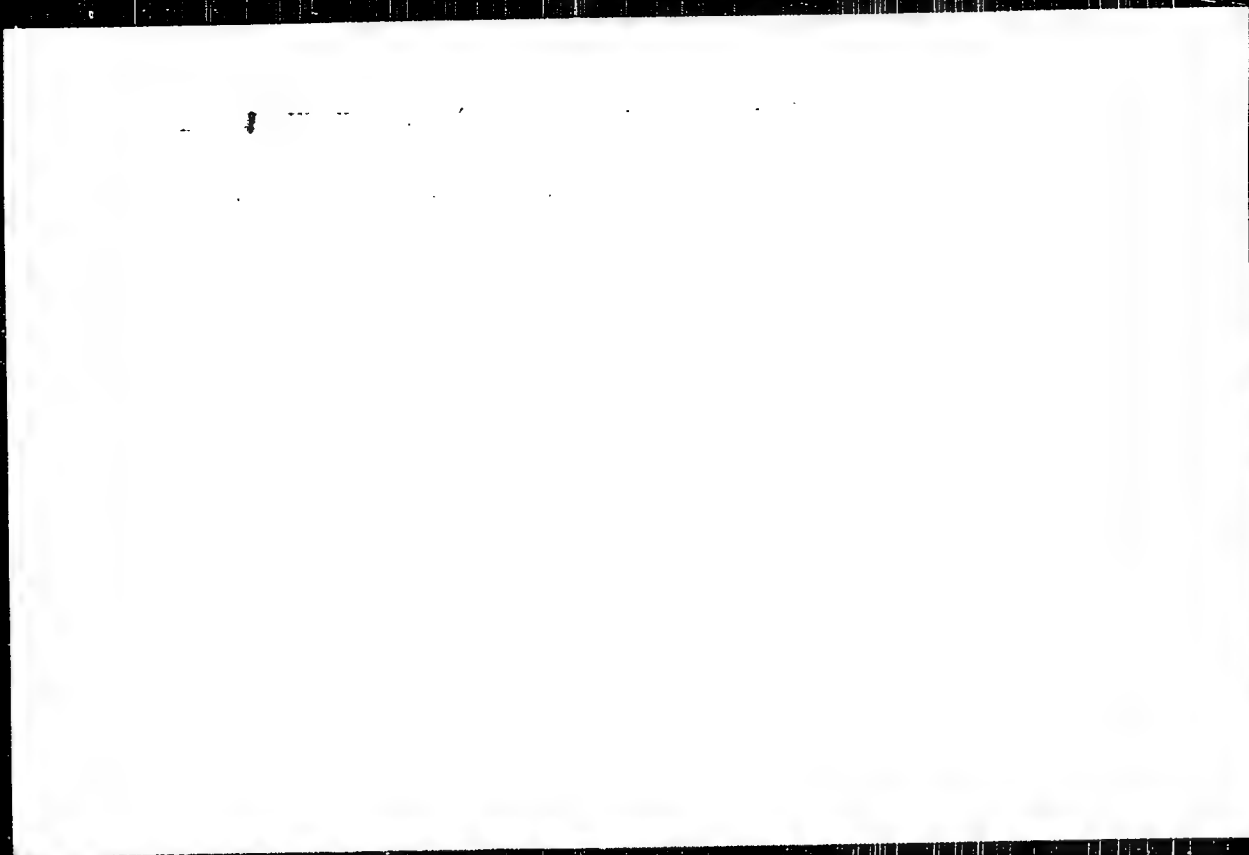
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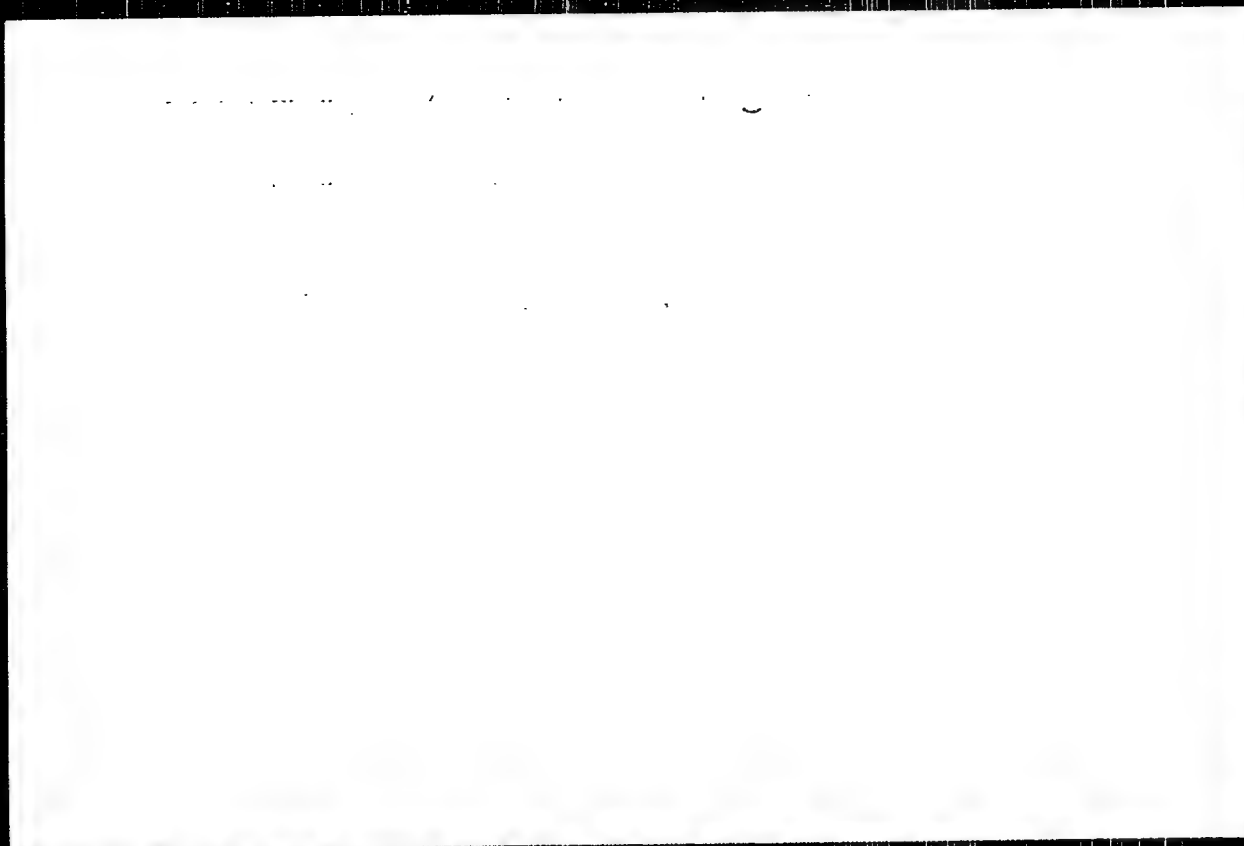


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